

# Pipe Frames / Curved Pipe Frames

**Pipe Frames**

**W** White    **V** Ivory    **S** Dark Gray    **Y** Yellow

**B** Black    **TV** Ivory    **TS** Blue Gray

**Standard**  
**PFS** L Dimension Configurable  
**PFSKS** Base Material, 5 Pcs/Pk

**Antistatic**  
**PFST** L Dimension Configurable  
**PFSTKS** Base Material, 5 Pcs/Pk

Plastic Coating  
Welding Bead  
Cold Rolled Steel Plate

Dimensions:  $\phi 27.5$ ,  $\phi 25.5$ ,  $\phi 24.1$ ,  $L \pm 0.5$

Type	Steel Pipe		Plastic Coating
	Material	Surface Treatment	Material
<b>PFS / PFSKS</b>	Low Carbon Steel (Thickness 0.7 mm)	Hot Zinc Plating + Chromate-Free Antirust Treatment	AAS Coating
<b>PFST / PFSTKS</b>			Conductive ABS Coating

## L Dimension Configurable

Part Number		Color	L 1 mm Increment	Mass kg/m
Type	No.			
<b>PFS</b> Standard	28	<b>W</b> White	60-3000	0.53
		<b>V</b> Ivory		
		<b>S</b> Dark Gray		
		<b>Y</b> Yellow		
<b>PFST</b> Antistatic	5	<b>B</b> Black		
		<b>TV</b> Ivory		
		<b>TS</b> Blue Gray		

**Part Number Example**

Part Number - Color - L

**PFS28** - **W** - 1250

**PFSKS28** - **S**

## 4,020 mm Base Material (5 Pcs/Set)

Part Number		Color	L Length (mm)	Mass kg
Type	No.			
<b>PFSKS</b> Standard 5 Pcs/Set	28	<b>W</b> White	4020 5 Pcs/Set	10.6
		<b>V</b> Ivory		
		<b>S</b> Dark Gray		
		<b>Y</b> Yellow		
<b>PFSTKS</b> Antistatic 5 Pcs/Set	5	<b>B</b> Black		
		<b>TV</b> Ivory		
		<b>TS</b> Blue Gray		

±5 mm tolerance for base material with length 4,020 mm.

## Surface Resistivity of Antistatic Type

Type	No.	Color	Surface Resistivity
<b>PFST</b>	28	<b>B</b>	104-105 Ω
		<b>TV</b>	107-108 Ω
		<b>TS</b>	

## Curved Pipe Frames

**Standard**

Dimensions:  $B \pm 1$ ,  $A \pm 1$ ,  $R150$

Type	Material
<b>PFSMG</b>	Hot Zinc Plating Steel Pipe Frame
	Plastic Coating
	Low Carbon Steel Thickness 0.7 mm
	AAS, ABS Resin Coating Thickness 1.0mm

Part Number		Color	A 1 mm Increment
Type	No.		
<b>PFSMG</b>	28	<b>W</b> White <b>V</b> Ivory <b>S</b> Dark Gray	200-300
			301-400
			401-500
			501-600
			601-700
			701-800
			801-900
901-1000			

**Part Number Example**

Part Number - Color - A - B

**PFSMG28** - **W** - A300 - B800

# Aluminum Pipe Frames

**Aluminum Pipe Frames**

**Standard**  
**PFAS** L Dimension Configurable  
**PFASKS** Base Material, 5 Pcs/Pk

**Reinforced**  
**PFAUS** L Dimension Configurable  
**PFAUKS** Base Material, 5 Pcs/Pk

Dimensions:  $\phi 27.5$ ,  $\phi 24.1$ ,  $L \pm 0.5$

**A Section (4 Places)**

Dimensions:  $\phi 23.5$ ,  $\phi 11.5$ ,  $\phi 6.7$ ,  $\phi 8.5$ ,  $L \pm 0.5$

Angle:  $120^\circ$ ,  $0.2$

Type	Material
<b>PFAS PFASKS</b>	6061-T6 Aluminum Alloy
<b>PFAUS PFAUKS</b>	A6N01SS-T5 Aluminum Alloy

⚠ The aluminum extrusion cannot be used with the plastic joints bonded.

**Standard**  
**PFAS** L Dimension Configurable  
**PFASKS** Base Material, 5 Pcs/Pk

**Reinforced**  
**PFAUS** L Dimension Configurable  
**PFAUKS** Base Material, 5 Pcs/Pk

## L Configurable

Part Number		Surface Treatment	L 1 mm Increment	Mass kg/m	Sectional Area mm <sup>2</sup>	Geometrical Moment of Inertia mm <sup>4</sup>	
Type	No.					Ix	Iy
<b>PFAS</b>	28	<b>N</b> No Treatment	60-4000	0.372	137.8	1.151 x 10 <sup>4</sup>	1.151 x 10 <sup>4</sup>
		<b>A</b> Anodize		0.786	285	1.655 x 10 <sup>4</sup>	1.655 x 10 <sup>4</sup>

## 4,020 mm Base Material, 5 pcs./set

Part Number		Surface Treatment	L Length (mm)	Mass kg/pc.
Type	No.			
<b>PFASKS</b>	28	<b>N</b> No Treatment	4020 (5 Pcs./Set)	1.50
				<b>A</b> Anodize

⚠ For orders larger than indicated quantity, please request a quotation.  
 ⚠ ±5mm tolerance for base material with length 4020mm.

**Part Number Example**

Part Number - Surface Treatment - L

**PFAS28** - **N** - 1250

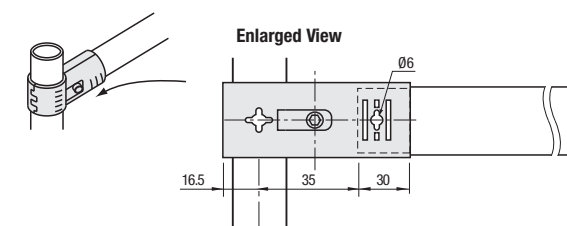
**PFASKS28** - **A**

**Part Number Alterations**

Part Number - Surface Treatment - L - (Alteration Code)

**PFAUS28** - **N** - 800 - **LTP**

## Application Example



For cutters for Pipe Frames and Aluminum Pipe Frames, see P.3026  
 ⚠ This cutter cannot cut reinforced aluminum pipe frames.

Alteration	Tapping		
	<b>LTP</b>	<b>RTP</b>	<b>TPW</b>
<b>Spec.</b>	<b>PFAUS</b> only Tapping to the $\phi 6.7$ hole <b>LTP</b> : Tapping on the Left End Face <b>RTP</b> : Tapping on the Right End Face <b>TPW</b> : Tapping on Both Ends		Ex. LTP M8 Depth 24